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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/622,246	08/15/2000	Dominique Hamery	11345.021001	9687

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EXAMINER

COUSO, JOSE L

ART UNIT	PAPER NUMBER
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2621

DATE MAILED: 07/09/2003

7

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/622,246

Applicant(s)

HAMERY, DOMINIQUE

Examiner

Jose L. Couso

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 15 August 2000.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 August 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All   b) ☐ Some \*   c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2,5,6.                      6) ☐ Other: \_\_\_\_\_

Art Unit: 2621

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3 and 7-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Kennedy, Jr. et al. (U.S. Patent No. 5,633,654).

With regard to claim 1, Kennedy describes a decoder for a digital audiovisual transmission system (refer for example to column 6, lines 33-35); which includes a processor for decompressing and displaying compressed still picture data and a memory (see figure 1, elements 110 and 112, and refer for example to column 4, lines 5-7); characterized in that the memory comprises a storage memory allocated to receive from the processor decompressed data representing a plurality of still picture image (refer for example to column 6, lines 21-33), and at least one display memory adapted to hold contemporaneously data representing multiple still picture images readable by the processor prior to display (see figure 1, element 120 and refer for example to column 4, lines 36-49), the data representing the plurality of still picture images being copied from the storage memory to the display memory for subsequent display (refer for example to column 4, lines 50-59).

As to claim 2, Proctor describes the digital image data copied from the storage memory into the display memory is modified or duplicated during the copying step (see figure 6, elements 614 and 616 and refer for example to column 13, lines 9-20).

Art Unit: 2621

In regard to claim 3, Proctor describes the processor is adapted to process image data in the display memory as one layer amongst a plurality of layers of superimposed one over the other when displayed (refer for example to column 13, lines 21-42).

With regard to claim 7, Proctor describes in which partial image data is copied from the storage memory to a display memory to display memory so as to permit display of part of an image (refer for example to column 13, lines 4-8).

As to claim 8, Proctor describes image data is copied from the storage memory into a first or second display memory under control of a high level application running on the processor (refer for example to column 14, lines 24-28).

In regard to claim 9, Proctor describes compressed digital picture data is stored in a buffer memory means prior to decompression by the processor (refer for example to column 14, lines 22-32).

With regard to claim 10, Proctor describes the buffer means comprises a plurality of buffer memory elements (as described in column 9, lines 19-21).

As to claim 11, Proctor describes the decompression and transfer of image data from the buffer memory elements to the storage memory, and from the storage memory to a display memory, is controlled by the processor such that the image information present in the storage memory is transferred to the display at the end of the decompression of the contents of each buffer element (refer for example to column 4, lines 25-35).

With regard to claim 12, Proctor describes the decompression and transfer of a group of images in a single file from the buffer memory to the storage memory, and from the storage memory to a display memory, is controlled by the processor means such that the image information is transferred from the storage memory to the display memory at the end of the decompression of each image in the image file (refer for example to column 4, lines 50-59).

In regard to claim 13, Proctor describes the processor is adapted to decompress picture data sent in a compression standard that uses a colour look-up table (refer for example to column 5, lines 2-6, the subsampled YUV bitmaps correspond to the look-up tables).

With regard to claim 14, Proctor describes the processor is adapted to decompress picture data sent in a compression standard that uses a red/blue/green colour value associated with each pixel (refer for example to column 10, lines 17-19).

As to claim 15, Proctor describes the processor comprises a general processor for decompressing digital picture data and a graphic processor for preparing the decompressed data for display (refer for example to column 4, lines 50-59).

In regard to claim 16, Proctor describes a decoder for a digital audiovisual transmission system (refer for example to column 6, lines 33-35); which comprises a processor for decompressing and displaying compressed still picture data (see figure 1, elements 110 and 112, and refer for example to column 4, lines 5-7); characterized in that decompressed digital image data representing a plurality of still picture images received from the processor is transmitted to a storage memory and thereafter copied

Art Unit: 2621

from the storage memory to a display memory which holds contemporaneously data representing the multiple still picture images, the data being read by the processor for subsequent display of such multiple picture images (refer for example to column 4, lines 36-59).

3. Claims 4-6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

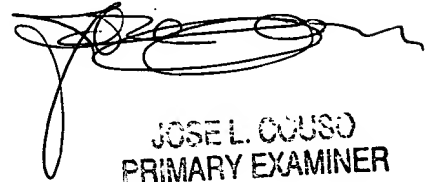
Hooks, Jr., Golin et al., Udagawa et al., Proctor and Broadwin et al. all disclose systems similar to applicant's claimed invention.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jose L. Couso whose telephone number is (703) 305-4774. The examiner can normally be reached on Monday through Friday from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Boudreau, can be reached on (703) 305-4706. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8576.

Jlc  
July 1, 2003



JOSE L. COUSO  
PRIMARY EXAMINER